2/9(4)

3738

O E EXPRESS MAIL LABEL NO.: EV 333 488 142 US

**PATENT** 

Attorney Docket No. 29912-705.201

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Clifton A. Alferness et al.

Application No.: 10/011,867

Filed: December 5, 2001

E Application

Title: Anchor and Pull Mitral Valve Device and

Method

PATENT APPLICATION

Art Unit: 3738

Examiner: U. Chattopadhyay

RECEIVED

FEB 1 2 2004

TECHNOLOGY CENTER R3700

Commissioner of Patents P.O. Box 1450 Alexandria, VA 22313-1450

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Sir:

Listed below or on an attached Form PTO-1449 is information known to applicant(s). A copy of each listed publication and U.S. and foreign patent, except for pending U.S. applications, is being submitted herewith, along with a concise explanation of information in a foreign language, if any, pursuant to 37 C.F.R. §1.97-1.98.

Applicants respectfully request that the listed information be considered by the Examiner and be made of record in the above-identified application. If form PTO-1449 is enclosed, the Examiner is requested to initial and return it in accordance with MPEP §609.

Applicant(s) reserve(s) the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in §1.56.

$\boxtimes$	This s	statemer	nt qualifies under 37 C.F.R. §1.97, subsection (b) because (check all that apply):
		(1)	It is being filed within 3 months of the application filing date and is other than a continued prosecution application under § 1.53(d)  OR
		(2)	It is being filed within 3 months of entry of a national stage OR
		(3)	It is being filed before the mail date of the first Office Action on the merits OR
		(4)	It is being filed before the mailing of a first Office Action after the filing of a request for continued examination under § 1.114.
	the firmation	ling dat nal stage : Office	97(c). If this statement is being filed after the latest of: (1) three months beyond the of a national application; (2) three months beyond the date of entry of the eas set forth in §1.491 in an international application; or (3) the mailing date of action on the merits, but before the mailing date of the earlier of a final office §1.113 or a notice of allowance under §1.311, then:
		a certi	ification as specified in §1.97(e) is provided below; or
			of \$180.00 as set forth in \$1.17(p) is authorized below, enclosed, or included he payment of other papers filed together with this statement.
	final o	-	.97(d). If this statement is being filed after the mailing date of the earlier of a ction under §1.113 or a notice of allowance under §1.311, but before payment of then:
	A.	a certi	ification as specified in §1.97(e) is completed below; and
	B.	-	tion under 37 C.F.R. §1.97(d) requesting consideration of this statement is itted herewith; and
	C.		of \$130.00 as set forth in §1.17(i)(1) is authorized below, enclosed, or included he payment of other papers filed together with this statement.
$\boxtimes$	Copie herew		ach of the references listed on the attached Form PTO-1449 are enclosed
	Copie THA		erences listed on the attached Form PTO-1449 are enclosed herewith EXCEPT
			ew of the voluminous nature of references, and the likelihood that these nces are available to the Examiner in the file history of the parent application l No. ), copies are not enclosed herewith.
-		-	of the foregoing publications are not available to the Examiner, Applicant will vor to supply copies at the Examiner's request.

		Copies of only foreign patent documents and accordance with 37 CFR 1.98 (a)(2). (The application publication listed on the attache because this U.S. patent application was filed a application has entered the national stage under USPTO waiver of requirement under 37 CFR 1	e U.S. patents and each U.S. patent d Form PTO-1449 are not enclosed after June 30, 2003 or this international of 35 USC §371 after June 30, 2003 (see
	$\boxtimes$	There are no listed references which are not in	the English language.
		The relevance of those listed references which follows:	n are not in the English language is as
		Attached are copies of search report(s) from which are listed on the attached Submission Ur	
		Attached are the following non-published pend deemed relevant, which are listed on the attached	<b>4</b>
	fees of	Authorization. The Commissioner is hereby authors \$0.00 and charge any additional fees or credit nunication to Deposit Account No. 23-2415 (Doc	any overpayment associated with this
		Respectfu	ılly submitted,
		WILSON	SONSINI GOODRICH & ROSATI
			s R. Shay, Reg. No. 32,062
	age Mill	ll Road A 94304-1050	
	493-930		
` ′		. 021971	



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. Department of Commerce

der the paperwork Reduction Act of 1995, no persons required to respond to a collection of information unless it contains a valid OMB control number.

ATENT & TRI	35			Complete if Known		
ubstitute for form 1449A/PTO				Application No.	10/011,867	
INFORM				Filing Date	December 5, 2001	
	STATEMENT BY APPLICANT			First Named Inventor	Clifton A. Alferness et al.	
(Use a	s many sh	eets as nece	essary)	Art Unit	3738	
				Examiner Name	U. Chattopadhyay	
Sheet	1	Of	4	Attorney Docket No.	29912-705.201	

		U.S.	PATENT DO	<b>DCUMENTS</b>	
		Document No.			
Examiner's Initials	Cite No. 1	Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-2001/0049558-A1	12/06/2001	Liddicoat et al.	
		US-2002/0035361-A1	03/21/2002	Houser et al.	
		US-2002/0042621-A1	04/11/2002	Liddicoat et al.	
		US-2002/0042651-A1	04/11/2002	Liddicoat et al.	RECENT
		US-2002/0049468-A1	04/25/2002	Streeter et al.	-0210
		US-2002/0055774-A1	05/09/2002	Liddicoat	FEB 1 2 2004
		US-2002/0065554-A1	05/30/2002	Streeter	TECHNOLOGY CENTER F
		US-2002/0095167-A1	07/18/2002	Liddicoat et al.	F
		US-2002/0103533-A1	08/01/2002	Langberg et al.	
		US-2002/0138044-A1	09/26/2002	Streeter et al.	
		US-2003/0018358-A1	01/23/2003	Saadat	

	,	FOREIG	N PATENT DO	CUMENTS		
		Foreign Patent Document				
Examiner's Initials	Cite No.1	Country Code <sup>3</sup> – Number <sup>4</sup> – Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т
		WO 00/44313-A1	08/03/2000	Viacor Inc.		
		WO 00/60995-A3	10/19/2000	EValve, Inc.		
		WO 01/00111-A1	01/04/2001	J. Solem et al.		
		WO 01/50985-A1	07/19/2001	Viacor, Inc.		
		WO 02/00099-A2	01/03/2002	Viacor, Inc.		
		WO 02/01999-A2	01/10/2002	Viacor, Inc.		
		WO 02/05888-A1	01/24/2002	Viacor, Inc.		
		WO 02/19951-A1	03/14/2002	Viacor, Inc.		
		WO 02/34118-A2	05/02/2002	Viacor, Inc.		
EXAMINER SIGNATURI				DATE CONSIDERED	1	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional) 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST .3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

+

PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. Department of Commerce duction Act of 1995, no persons required to respond to a collection of information unless it contains a valid OMB control number.

				Сотр	olete if Known
Substitute for	form 1449	A/PTO		Application No.	10/011,867
		N DISCL		Filing Date	December 5, 2001
	STATEMENT BY APPLICANT			First Named Inventor	Clifton A. Alferness et al.
(Use a	is many sh	eets as nece	essary)	Art Unit	3738
				Examiner Name	U. Chattopadhyay
Sheet	2	Of	4	Attorney Docket No.	29912-705.201

		Document No.			
Examiner's Initials	Cite No. 1	Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-4,055,861	11/01/1977	Carpentier et al.	
		US-4,164,046	08/14/1979	Cooley	
		US-4,485,816	12/04/1984	Krumme	
· · · · · · · · · · · · · · · · · · ·		US-4,550,870	11/05/1985	Krumme et al.	
		US-4,830,023	05/16/1989	de Toledo et al.	<b>5</b> .
		US-5,061,277	10/29/1991	Carpentier et al.	
		US-5,250,071	10/05/1993	Palermo	FED
		US-5,261,916	11/16/1993	Engelson 7	CHINOLOGY CENTER R3700
		US-5,265,601	11/30/1993	Mehra	NOLOGY CO
		US-5,350,420	09/27/1994	Cosgrove et al.	CENTER ROSS
		US-5,514,161	05/07/1996	Limousin	5700
		US-5,554,177	09/10/1996	Kieval et al.	
		US-5,562,698	10/08/1996	Parker	
		US-5,584,867	12/17/1996	Limousin	RECEIV FEB I 2 2004
_		US-5,601,600 、	02/11/1997	Ton	FENCEIV
		US-5,733,325	03/31/1998	Robinson et al.	, EB 19 a

	Foreign Patent Document				
Cite No.1	Country Code <sup>3</sup> – Number <sup>4</sup> – Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
•	WO 02/47539-A2	06/20/2002	Viacor, Inc.		
	WO 02/062270-A1	08/15/2002	J. Solem et al.		
	WO 02/078576-A2	10/10/2002	Viacor, Inc.		
EXAMINER SIGNATURE			DATE		
		Foreign Patent Document	Foreign Patent Document   Cite   Country Code³ - Number⁴ - Kind Code⁵   Publication Date   MM-DD-YYYY	Cite No.1         Country Code³ - Number⁴ - Kind Code³ (if known)         Publication Date MM-DD-YYYY         Name of Patentee or Applicant of Cited Document           WO 02/47539-A2         06/20/2002         Viacor, Inc.           WO 02/062270-A1         08/15/2002         J. Solem et al.           WO 02/078576-A2         10/10/2002         Viacor, Inc.	Foreign Patent Document   Cite   Country Code³ - Number⁴ - Kind Code³   Publication Date   MM-DD-YYYY   Name of Patentee or Applicant of Cited Document   Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FEB 0 6 2004

<sup>1</sup> Applicant's unique citation designation number (optional) 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST .3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. Department of Commerce
Act of 1995, no persons required to respond to a collection of information unless it contains a valid OMB control number.

				Comp	olete if Known
Substitute for form 1449A/PTO				Application No.	10/011,867
INFORMATION DISCLOSURE				Filing Date	December 5, 2001
		BY APPL		First Named Inventor	Clifton A. Alferness et al.
(Use a	is many sh	eets as nece	essary)	Art Unit	3738
		Examiner Name	U. Chattopadhyay		
Sheet	3	Of	4	Attorney Docket No.	29912-705.201

		U.S.	PATENT DO	CUMENTS	
		Document No.			
Examiner's Initials	Cite No. 1	Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-5,824,071	10/20/1998	Nelson et al.	
		US-5,891,193	04/06/1999	Robinson et al.	
		US-5,895,391	04/20/1999	Famholtz	
		US-5,908,404	06/01/1999	Elliott	DEA
	<u></u>	US-5,935,161	08/10/1999	Robinson et al.	FEB 1 2 2004
		US-5,961,545	10/05/1999	Lentz et al.	FEB 1 9 200
		US-5,984,944	11/16/1999	Forber	TEO: 1.
		US-6,027,517	02/22/2000	Crocker et al.	TECHNOLOGY CENTER R
		US-6,077,295	06/20/2000	Limon et al.	
		US-6,077,297	06/20/2000	Robinson et al.	
	<u> </u>	US-6,099,549	08/08/2000	Bosma et al.	
		US-6,099,552	08/08/2000	Adams	
		US-6,129,755	10/10/2000	Mathis et al.	

		FOREIGN	N PATENT DO	CUMENTS		
		Foreign Patent Document				
Examiner's Initials	Cite No.1	Country Code <sup>3</sup> – Number <sup>4</sup> – Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Té
	-					
EXAMINER SIGNATURI		·		DATE CONSIDERED		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional) 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST .3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

2398440 1.DOC



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. Department of Commerce
no persons required to respond to a collection of information unless it contains a valid OMB control number.

				Сотр	lete if Known
Substitute for form 1449A/PTO INFORMATION DISCLOSURE				Application No.	10/011,867
				Filing Date	December 5, 2001
		BY APPL		First Named Inventor	Clifton A. Alferness et al.
(Use a	is many sh	eets as nece	essary)	Art Unit	3738
			Examiner Name	U. Chattopadhyay	
Sheet	4	Of	4	Attorney Docket No.	29912-705.201

U.S. PATENT DOCUMENTS								
		Document No.						
Examiner's Initials	Cite No. 1	Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
		US-6,190,406-B1	02/20/2001	Duerig et al.				
		US-6,275,730-B1	08/14/2001	KenKnight et al.				
		US-6,342,067-B1	01/29/2002	Mathis et al.				
		US-6,352,553-B1	03/05/2002	van der Burg et al.				
		US-6,352,561-B1	03/05/2002	Leopold et al.	FEB 1 2 2004			
		US-6,395,017-B1	05/28/2002	Dwyer et al.	" LOEIV			
		US-6,419,696-B1	07/16/2002	Ortiz et al.	FEB 1 2 200			
		US-6,442,427-B1	08/27/2002	Boute et al.	TECHNOLOG:			
·		US-6,503,271-B2	01/07/2003	Duerig et al.	TECHNOLOGY CENTER F			
		US-6,537,314-B2	03/25/2003	Langberg et al.				
		US-6,589,208-B2	07/08/2003	Ewers et al.				
		US-6,602,288-B1	08/05/2003	Cosgrove et al.				
		US-6,602,289-B1	08/05/2003	Colvin et al.				
		US-6,623,521-B2	09/23/2003	Steinke et al.				
		US-6,626,899-B2	09/30/2003	Houser et al.				

FOREIGN PATENT DOCUMENTS										
	Cite No.1	Foreign Patent Document	Publication Date MM-DD-YYYY			]				
Examiner's Initials		Country Code <sup>3</sup> – Number <sup>4</sup> – Kind Code <sup>5</sup> (if known)		Name of Patentee or Appl of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear					
			-							
EXAMINER SIGNATURE	<u> </u>			DATE CONSIDERED						

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional) 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST .3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.